

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 Claim 1 (original): An apparatus for polishing a row bar including a plurality of magnetic
2 head sliders, said apparatus comprising:

3 a rotatable lapping surface plate;

4 a movable housing above said lapping surface plate;

5 a jig secured to said housing and comprising a rigid member having a plurality of holes and
6 an elastic member fixed to said rigid member for holding a row bar;

7 first pressing means for applying a pressure to the whole row bar; and

8 second pressing means for individually pressing portions of the elastic member
9 corresponding to a plurality of magnetic head sliders of the row bar through said holes of the rigid
10 member.

1 Claim 2 (original): A polishing apparatus according to claim 1, wherein said housing
2 reciprocally moves in the radial direction of the lapping surface plate.

1 Claim 3 (original): A polishing apparatus according to claim 1, wherein the elastic member
2 of said jig is adhered to the rigid member.

1 Claim 4 (original): A polishing apparatus according to claim 1, wherein said jig is secured
2 to said housing by screws.

1 Claim 5 (currently amended): A polishing apparatus according to claim 1, further
2 comprising control means for controlling said second pressing means depending upon a change in
3 the resistance of [[the]] resistance elements provided in said row bar.

1 Claim 6 (original): A polishing apparatus according to claim 1, wherein said second pressing
2 means comprises pins inserted in the holes of said rigid member and drive mechanisms for driving
3 said pins.

1 Claim 7 (original): A polishing apparatus according to claim 6, wherein said drive
2 mechanism includes an air cylinder and a transmission mechanism for transmitting the action of the
3 air cylinder to the pin.

1 Claim 8 (original): A polishing apparatus according to claim 1, wherein said second pressing
2 means comprises compressed air feeding means for introducing the compressed air into the holes
3 of said rigid member.

1 Claim 9 (original): A polishing apparatus according to claim 8, wherein said compressed air
2 feeding means comprises a conduit connected to a source of compressed air and a control valve
3 arranged in said conduit.

1 Claim 10 (original): A polishing apparatus according to claim 9, wherein said housing has
2 a plurality of holes in alignment with a plurality of holes of said rigid member, said holes of said
3 housing being communicated with said holes of said rigid member.

1 Claim 11 (original): A polishing apparatus according to claim 10, wherein said conduit is
2 connected to each hole of said housing.

1 Claim 12 (original): A method of polishing a row bar including a plurality of magnetic head
2 sliders, said method comprising the steps of:
3 securing a jig to a movable housing, said jig including a rigid member having a plurality of
4 holes and an elastic member fixed to said rigid member;
5 holding a row bar by said jig;

6 moving said housing above a lapping surface plate;
7 turning said lapping surface plate to polish said row bar while pressing the row bar onto said
8 lapping surface plate;
9 measuring a change in the resistance of resistance elements provided in the row bar; and
10 individually pressing portions of the elastic member corresponding to a plurality of magnetic
11 head sliders of the row bar through said holes of said rigid member in response to a change in the
12 resistance of the resistance elements provided in said row bar.

1 Claim 13 (original): A method of polishing a row bar according to claim 12, wherein
2 resistance elements provided in the row bar are connected to a relay board, and a change in the
3 resistance of the resistance elements provided in the row bar is measured on the relay board.

1 Claim 14 (original): A method of polishing a row bar according to claim 13, wherein the
2 resistance elements provided in the row bar are connected to the relay board through bonding wires.

1 Claim 15 (original): A method of polishing a row bar according to claim 14, wherein the
2 bonding wires are bonded while holding the row bar between the jig and a holding plate.

1 Claim 16 (original): A method of polishing a row bar according to claim 12, wherein the
2 portions of the elastic member are pressed by pins inserted in the holes of said rigid member.

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1 Claim 17 (original): A method of polishing a row bar according to claim 12, wherein the
2 portions of the elastic members are pressed by compressed air introduced into the holes of said rigid
3 member.

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